P46

Previous references

File No 241—08

Serial Nos 1—4

1908 (Municipal)

Later references

GENERAL AND REVENUE SECRETARIAT

Serial Nos 1—4

Part B for April 1909

SUBJECT

Electric lighting for Baranagar Town

From the Addl. Sub. Collecting No. 214 dt. 12/08 Sub. Con. Co. in the matter of a Company for lighting Baranagar with Electricity and requests that (1) the municipality being allowed to take up 100 shares in the Company as the people consider it a guarantee for the proper working of the Co. (2) Mr. T Arundale Esqr, asst. Engr. who is now at Cashmere being allowed to return to Baranagar via Calcutta

2 To Do. No. 6622 dt. 15.1.09. Forwd. Copy of the Chief Electrical Engineer's Memo. No. 4123 dt. 17-12-08 for information & subn. of revised proposals in the light of observations therein contained

3 From Do No. 287 dt. 24-1-09 Subn. revised proposals accordingly.
G R S 58

4 To Do; Chief Engr. & Comptr. No. 10526-9 dt. 28.1.09 Records Sanction to the lighting of the Baranagar Town with Electricity at a total cost not to exceed Rs. 5000, if a Company is successfully floated for the purpose of Rs. 30000 divided into 600 Shares of Rs. 50 each

G.R.S.11] 1908.

GENERAL AND REVENUE SECRETARIAT

(Municipal)

NOTES

File No 241-08

File Heading

Electric lighting for Davangere Town.

From

The Resident of Mysore, Chitaldrug District

No 214 Dated 1-12-08 Received 9-12-08

Diary No 3957	Enclos 6	Spare Copies	Serial No 1

Brief Abstract of Letter

Submits correspondence in regard to the floating of a company for lighting Davangere with electricity and requests sanction to the Municipality being allowed to take up 100 shares in the Company as the people consider it to be a guarantee for the proper working of the : and (2) to the services of Mr T Arunachala Iyer Asst Engr who is now at Cuddapah allowed to return to ~~Bangalore~~ Davangere ~~ORDERS~~ Calcutta instead of Bombay

It is a question for consideration whether it is necessary or desirable to light the town of Davangere with electricity. The people of Davangere seem to be eager about it as may be seen from the proceedings of their meet

Notes—First sheet

GPB—30,000—3-1-07

G B S 12]
General and Revenue Secretariat

3957

Ind File No 241 of 1908

Serial No

3
8

held on 24th Sept. 1908 at which about 257 shares of Rs 50/- each were taken up and it was resolved that the Company should be registered under the Co-operative Societies' Regulation The Munipty also resolved to take up 100 shares in the Company The President now requests sanction to this proposal.

2. The President also requests that Mr T. Arunachala Iyer, Asst Engineer, who has worked out the scheme and who is now at Cashmere, may be permitted to return via Calcutta, instead of via Bombay, in order to arrange for house lighting materials and that the Chief Engineer may be instructed to wire to Mr Arunachala Iyer as the latter will be leaving Cashmere by the middle of this month

3 As regards the financial aspect of the scheme the Chief Engineer may be unofficially consulted and he may be requested to ~~state if he~~ take the necessary action as regards the deputation of Mr Arunachala Iyer to Calcutta

4 Submitted for orders.

Dbn 5-9 - S. The Secretary Public Works 12/9 for sanction to what a company for the purpose of-

Contn sheet

G R S 12
General and Revenue Secretariat

3957 File No 241 of 1908

Serial No

lighting Davangere with electricity The initial capital outlay required is stated to be Rs 30,000. It is proposed to divide the into 600 shares of Rs 50 each. The Municipal Council have resolved to take up 100 shares which cost Rs 5,000 and further to pay every ~~the~~ year the charge of supplying 50 or 60 lights at the rate of Rs 2-8-0 per light per mensem - If the proposal is viewed favourably, the Deputy Comr requests that the Chief Engineer may be asked to wire to Mr Arunachala Iyer now in Cashmere to return via Calcutta instead of via Bombay, so that he might confer with some firms there and arrange for house lighting materials.

179-084/5121 6 Forwarded to the Chief Engineer (E Co) for favour of opinion as regards the Deputy Comrs proposal.

By order

12 12-08

H. Maylard
for Secy

tn. sheet

GPB—50 000—18 5 08

G R S 12
General and Revenue Secretariat

File No. 241 of 1908

No.

446 No.

D 15-12 08
19

W 4/12

I have the honor to return the Plan, together with a letter No 4123, 9/17 Dec, from the Chief Electrical Engineer giving his opinion on the Scheme Personally I don't see why the town should not be allowed to install Electric Light, if they wish to pay for it themselves

18 12 08

W. D'A. Hutchison
Chief Engineer
Of Railways

H R
5/12/12

54

MYSORE PUBLIC WORKS DEPARTMENT
ELECTRICAL BRANCH

In reply refer to
No 4123
Enclo

Bangalore, 17th December 190

Telegraphic Address
'ELECTRICCO
CODES USED
LIEBER'S
A B C (5TH EDITION)

From
THE CHIEF ELECTRICAL ENGINEEP
to the GOVERNMENT OF MYSORE

To,

THE CHIEF ENGINEER of MYSORE,
BANGALORE.

Sir,

PROPOSED DAVANGERE LIGHTING

Regarding the proposed Davangere lighting project, I have the honor to submit the following for your information as requested.

I have made a rough lay out of street lighting lines in accordance with map and lamp locations supplied, allowing for extra wire for house lighting system and find that Mr Arunachelaiar's estimate is about right

The price for street lighting based on cost per canal is one and two thirds the price charged in the Civil and Military Station and nearly three times that charged in Bangalore City

The price recommended for interior lighting viz, 12 annas per 8 candle power lamp per month, works out at approximately 2 annas per unit which is an unusually low price, as according to recent statistics 3 annas per unit is the lowest price for private lighting in the United Kingdom and only occurs in three places

The street lighting is meagre in the extreme and would, I should think, be of little value in crime prevention

b 46

The same approximate financial result could be obtained by giving a better street lighting at the same cost and charging a more usual rate for house lighting.

The poles proposed are probably of much smaller section than any ever previously used elsewhere. It would be much better to use larger ones and a fewer of them.

There is little advantage to be gained from a deputation to Calcutta, as interior lighting material of superior quality can be purchased more cheaply in Bangalore, and it can be purchased cheaper still direct from England

With regard to allowing only the use of insulated conduit or open cleat work, would say that there is no objection to wooden casing or enamelled conduit. Such matters are legislated for in the Institute rules recently recommended by me for adoption in this State.

Running costs are evidently taken from the Makers guarantees and should be all right.

The scheme should be so installed as to facilitate additions with the minimum amount of construction.

I have the honor to be,

Sir,

Your most obedient servant,

M.A.I.E.E.,M.I.E.E.,

Chief Electrical Engineer
to the Govt. of Mysore.

HPG-RB.

D 4167 74

Letter No 4108 dated 16th December 1908 , from the Chief Electrical Engineer to Government of Mysore, to the Chief Engineer of Mysore

---

Proposed Davangere Electric Lighting

I beg to inform you that I shall require 4 or 5 days to make the required report on this work, as it will be necessary to lay out the entire system before I can estimate the cost of work I shall however put the matter through with the utmost despatch possible

&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&

No 8043 Dated Bangalore, 18th December 1908

Copy of above forwarded to the Secretary to Govern-ment of His Highness the Maharaja of Mysore, General and Revenue Departments, with reference to his un-official No 7 dated 15th instant, for information

2 The whereabouts of Mr Arunachalla Iyer are not known, as he must have left Kashmir by this time

For Deputy Chief Engineer
of Mysore

V N S.

Serial No

Submitted with the Chief Engineer's unofficial opinion for orders.

The Chief Electrical Engineer considers the price proposed to be charged for street lights to be very heavy and that proposed for house-lights to be very low and suggests that the rates may be revised. He does not view the Arunachala Iyer's deputation to Calcutta with favour but prefers to purchase the required interior lighting material in Bangalore or direct from England

(Ord 7 2/12) A copy of the Chief Electrical Engineers letter may be forwarded to the Deputy Comr for information and for making such changes in the proposals submitted as he may consider necessary in the light of what is contained in that letter -

18/Dr) 26 12 03 Rel

9263/29 12 1908

1 Yes -

2 After noting please return the file to the Financial Branch for Financial Criticism -

Illegible
29 Dec 08

G. R. S. 12]
General and Revenue Secretariat.

File No. 241 of 1908

Serial No.	
	Please put up draft 30 12-08 WWD Draft put up. Bhm 3/1 Issue the draft 3/12. and forward the file to Br II 3 Vei 3 a II as directed by the 1st Cr. 4-1-09 WWD
2	To the Pres.t of Municipality Chitaldrug Dated. No 6622/Jud 241-08-23 15-1-09 Forwards copy of the Chief Electrical Engineer's letter No 6123 & 17-12-08 for information and submission of revised proposals in the light of the observations therein contained.
	Forwarded to Branch II for opinion. Bhm 3/1 21-1-09 K Nayakar Chi.
	Submitted N 23/1/09 Branch IV may be requested to note the condition of the Davanagere municipality. WWD 25/1 yes the accounts of that M. municipality for the last three years as also the Budget Estimates for 1908-09 may be put up. 27-1-9

Copies sent 5th Feb 09
for Dy Secy
WWD 24/1
45 Pr.

G R S 12]
General and Revenue Secretariat

File No 241 of 1908

10

Serial No 3

From the Pres^{dt} of Dumpstis, Chittaldroog Dt
No 287 & 24-1-09

Submits revised proposals as called for in Sl No 2

The new proposals are:—

(1) the reduction in the price of street lights from Rs 2-8-0 to Rs 1-12-0 per light per month: and,

(2) the adoption of poles of large section

The Pres^{dt} states that by the first one of the above proposals the income would be reduced by Rs 600/- which he proposes to recoup by reducing the provision on account of "sinking capital" from Rs 3000/- to Rs 2400/-. The Pres^{dt} does not think it advisable to raise, at any rate in the beginning, the price of house lights as suggested by the Chief Electrical Engineer

The financial condition of the Davangere Municipality is as follows.—

Opening balance on 1-7-08	Rs 16,912
Receipts during 1908-09 —	17,380
Total	34,292
Expenditure during 1908-09	22,39[illegible]
Closing balance on 30-6-09	11,899

which is in excess of the prescribed mini-

works

Note—Contn. sheet

Serial No

working balance by Rs 7,554/-

Two On the other hand 2 loans have been granted to the Davangere Municipality, one amounting to Rs 9,676-10-1 in 1898 and the other amounting to Rs 10,000/- in 1900 Out of the former a sum of Rs 6,000 had been repaid and a sum of Rs 3676-10-1 was outstanding on 1st July 1908; In the current year's budget there is a provision for payment of another Rs 500/- exclusive of interest. This will reduce the loan to Rs 3176-10-1

c/o The portion of the other loan of Rs 10,000 has not been repaid at all till now. At the request of the Municipality, Govt. directed in GO No 10789-9/Jud 94-07 & 25-4-08 that the loan should be repaid in 3 annual instalments without any interest whatsoever But there is no provision in the current year's budget for payment of the 1st instalment amounting to Rs 3,333-5-4

T

Taking both the loans together, a sum of Rs 13,676-10-1 was outstanding on 1st July 1908 Deducting the provision made in the current year's budget a sum of Rs 13,176-6 still outstanding against the Municipality.

Contn sheet

GPB—50 000 16 5 08

Serial No

~~Which~~ the expected closing balance is ~~only~~ Rs 11,899

If the 1st instalment of the loan viz Rs 3,333-5-4 should be adjusted during the current year, the ~~balance~~ excess of the prescribed minimum balance at the end of the current year will be ~~reduced~~ only about Rs 4,221/- and unless the Municipality should decide to pay the next and subsequent year instalments out of its ordinary revenue (as the resources of the Municipality are small) which is extremely unlikely, this surplus will be required for repayment of the loan

3333
4,221

It will thus be seen that the (excess) balance available at the end of the current year viz Rs 4,221/-, even if the same should not be required for repayment of the loan, is not sufficient to enable the Municipality to take up 100 shares in the Company

Submitted with copies of Municipal accounts for 1905-06 and 1906-07 and a copy of the current year's budget estimates as asked for by the Asst Secy, Branch II The accounts for 1907-08 have been sent to the Press and are not therefore available in the office.

Branch II

4/2/09

(1 B—50 000—17 10)

Serial No

and see whether the conditions of the Municipal Board does or does not admit of the proposal being sanctioned It may be said however that the scheme contains matters of an encouragement of co-operation and self-help which is well worth encouraging.

Br II) 5 2-09

Secy.

There can be no doubt that the Davanagere municipality is in a flourishing condition The administrative branch has pointed out that the balance both credit of the municipality after paying the instalment of the loan due by the Govt. will only amount to about 4000 Rs and cannot afford to buy 100 shares Of course the municipality must buy only as many shares as there is for many for

~~The Demand for Loan by it seems to have been introduced in the Congress~~

GPB—50 000 -18 5 08

General and Revenue Secretariat

File No. 2611 of 190 8

Serial No.

misc 576/08/9

Forwarded to the Assistant Comptr Local Funds Dept of the Comptr's Office for kindly noting the correct balance to the credit of the Municipality. The balance on 1-7-08 given in the above notes is probably only the approximate figure taken when the Estimates for the current year were sanctioned and the exact balance on that date may not be available known & may kindly be noted

M. Subramaniam
for Asst Secy

16-2-9

Note—Contn. sheet.

GPE—33,803—12-5-08

15-16

15

Chitaldroog
13 2 09

My dear Sir,

I invite your kind reference to para 6 of my letter No C 214 dated 1st December 1908 re the Electric light for the Davangere Town and further beg to state that as per Comptroller's account recently received, the opening balance at the credit of the Davangere Municipality on 1st July 1908 was Rs 27,420/ After making necessary adjustments of the income and expenditure as shewn in the margin for the current year, there still remains a balance of Rs 22407/- Of out of this amount, the first instalment of the repayment of the loan sanctioned in Government Proceedings No $\frac{10798-90}{\text{Rel 94-07-4}}$ dated 25 4 08

Opening Balance on 1st July 1908		Rs 27420
Budgetted Receipts during the year		17,380
	Total	44800
Expenditure during the year		22393
	Balance	22407
Proposed repayment of the fourth instalment of the loan		3300
Net Balance available — Rs		19107

G R S. 12]
General and Revenue
Secretariat

Jud File No 241 of 1908

5831/17

Serial
No

Letter ~~No~~ 85-G/13 2-09 from the President of the Municipality, Chitaldrug District.

States that the opening balance at the credit of the Davangere Municipality on 1st July 1908 is Rs 27,420, that after making necessary adjustments for income and expenditure for the current year and also for the first instalment of the repayment of the loan granted to the Municipality, there would remain a balance of Rs 19,107/- and that the municipality is solvent and can well afford to take shares to the extent of Rs 5000/- as already proposed.

The opening balance given by the President is only a preliminary figure but the actual balance according to the Comptroller's final accounts is Rs 26,873/. The President's previous letter referred to, ~~was sent~~ (Diary No 5284) was sent to Branch II for opinion on 5-2-09.

Submitted for orders as to whether this may also be sent in intimation.

16/2/09 17/2 Yes

18 2 09

Branch II

19/2

The municipality was submitted to Jud Secs on 17/2/09. No. has been sent up to the Comptroller's office.

Secs Please put this up with the -1

51-A

Contn sheet

GPB— —18 5 08

G R S. 12]
General and Revenue Secretariat.

File No. 244 of 190 8

Serial No

The balance to Municipality on 1 22 2-09

S/26873
as intimated by the Finance Officer on 24 2-9

GOVERNMENT MYSORE

Note—Contn. sheet

Note—Contn sheet.

G.P.S.—20,000—17-3-17

(R S 12]
General and Revenue Secretariat

Jnl File No 241 of 190 8

Serial No

576
08/9

The points for Consideration by the Financial Branch are two -

1) Can the Davangere Municipality afford to purchase 100 Shares of Rs 50 each out of the Capital of the Company proposed to be formed to light with Electricity the Town of Davangere and to pay for getting its Streets lighted with Electricity?

2) Is the whole Scheme of forming a Company for supplying the Davangere to - with Electric lights, financially Sound?

The financial Condition of the Municipality will be Seen from the Subjoined Statement

	Opening Balance Rs	Revenue Rs	Expenditure Rs	Closing Balance Rs
1905-06	20400	18,514	18,635,	20279
1906-07	20,279	18,691	12,845	20125
1907-08	26,125	19,075	18,327	26873
1908-09 (Budget	26,873	17380	22393	

The Estimated Expenditure in 1908-09 is much in excess of the revenue of the Year and of the Expenditure in the previous three Years and the Excess is mainly due to the large provision made for public

extra sheet.

GPB —50 000—17-3-07

Serial No

in that year The general financial position is however sound and the Municipality can afford to invest Rs 5000 in purchasing 100 shares as resolved by the Board and such investment will not interfere with the ability of the Municipality to repay the loans borrowed by it from Govt, provided that it takes care to keep its future annual expenditure within its annual revenue.

The expenditure on lighting incurred by the Municipality in the previous years was as follows:-

	Rs
1905-06	646
1906-07	686
1907-08	1219
1908-09 (Budget)	1400

Under the proposed arrangement it will take 60 lights and pay for them at Rs 1/12 per month for each light The annual expenditure will be Rs 1260

It is not known why the expenditure 1908-09 is expected to be in excess of what it was in the previous years? The estimate for 1908 09 represents the charge to be incurred annually in future to provide Kerosene lights, the proposed electric lighting will be cheaper

GPB -50 000—17 5-8/

Serial No

the Municipality can also pay for such Lighting

As regards the soundness financially of the Scheme itself

Capital. The capital required for Starting the Concern is estimated at Rs 30000 which Sum is proposed to be raised by Selling 600 Shares of Rs 50 each The Municipality is willing to buy 100 Shares and the remaining 500 Shares will have to be purchased by the public But there is only an offer to take up 257 Shares by the people of Davangere and there is not known of there — Demand for the balance 243 Shares - There is no information in the file on this important point and the promoters of the Concern have, before proceeding further with the arrangement, to take Steps to obtain definite promises from intending purchasers that all the Shares will be taken up

The Sum of Rs 30 000 is the bare amount of the estimate and may be desirable to provide for increasing it, in the event of there being a de. for more money for Starting the Co

sheet

GPB -50 000—17 9.07

Serial No

In a Concern like this, some unforeseen expenditure may perhaps have to be met and it is as well to have it in the power of the Company to increase its Capital to meet such expenditure The authorised Capital of the Company may be increased by a few thousand rupees more Rs 30000 alone may be raised Now and the balance, in the event of there being demand for it The Sum of Rs 30000 includes Rs 2100 on account of "Establishment during erection" and in that amount, the pay of Mr Arunachalam Iyer who will apparently Superintend the work, does not seem to have been included The Undertaking is no doubt a laudable one and that may perhaps show some Consideration by permitting Mr Arunachala Iyer to give the benefit of his Services to the Company either freely or on payment of a portion of his pay

Income The only Secure Source of income is that from the Sale of power to the Municipality for Street lighting and that income for the year is only Rs 1260 What

—Contn sh

Serial No

the no of private house lights on which the Company can count is a point on which there is no definite information in the file In his estimate of 3 9 08 Mr Ramachalar Iyer took 200 as the no of private house lights In his estimates appended to his letter of 7 11 08 he has made two calculations taking the no of private house lights to be 500 & 1000. The no of private lights which the people of Davangere are going to take shd be definitely ascertained before the calculation of the total income from the Concern can be made The promoters of the Concern should obtain definite promises from the people of Davangere as to the no of lights they will take as a permanent arrangement.

Supposing the no of private lights is 500, the annual income from the Sale of power to private persons at annas 12 per month for each light will be (500 × 3/4 × 12) = Rs 4 5[illegible]
The total income from the Sale of power to the Municipality & the public will be (1260 + 4500) = Rs 5 7[illegible]

15PB—50 000—17 3-07

Serial No

Working Expenses The Scheme finally decided to be adopted is that of "Suction Gas plant" and under that Scheme the Cost of working the plant and generating power sufficient to supply 60 lights to the Municipality and 1000 lights to the public has been calculated & that Cost is estimated at Rs 6000 per annum To what extent there will be reduction, if any, in the maintenance charges if the no of private lights is 500 or less has not been calculated In the absence of information on this point, it is not possible to say what will be the balance of income over the working charges and what dividend can be paid on the Capital borrowed and what provision for reserve funds can be made Before it is known what dividend may be confidently expected it may not be possible to induce people to buy Shares and the offer to take up 25% Shares appears to have been made in the hope of getting a dividend of 6 pc

The formation of

GPB —50 000—17 3-07

R S 12]
General and Revenue Secretariat

File No 241 of 1908

Serial No

a Company for raising money & working the Scheme is not a matter in which Govt have any direct Concern But Considering the fact that the Municipality intends buying 100 Shares and Govt Officers will be associated with the Scheme, the Scheme receives indirect Govt support and encouragement and ought for that reason inspire confidence in the public and it is therefore necessary to see that the Concern has a fair chance of success & is financially sound before according the Sanction applied for by the Municipal Board or extending Govt support to the Scheme

The technical aspects of the Scheme have been examined by the Electrical Dept and the question of the observance by the Company of the laws & rules of any regarding the generation & Supply of Electric power to the public is one for consideration in the Judicial Dept

Jud Secy

Mule
25

Note—Contn sheet

GPB—50 000—17 3-07

[G. R. S. 12]
General and Revenue Secretariat

Bombay File No 241 of 1908

Serial No
576-08

I agree generally The population of Davangere Town is about 10,000 and the estimate of 1000 house lights seems excessive. The rate of 12 annas per light per month is however capable of being raised As the bulk of the capital viz Rs 25000 out of £30000 will come from the well to do townsmen, who will also have handfuls it will probably be same to them whether they prefer cheap lights & low dividend or dear light and high Dividend

All the help that is asked from G is to allow the Municipality to purchase 5000 rupees worth of shares ~~from~~ from the materials at present before Govt, I have no hesitation whatever in recommending that the help asked for be given It is a good sign that the people are willing to invest money in such works & the scheme therefore deserves the help prayed for

JSL
24/1.

H B 1/26/1.

sheet.

G P S —50 000—17-3-07

Serial No

Submitted with the opinion of the Financial Secretary.

Abg 2/2 If a Company is successfully floated, ~~as proposed by the Municipality~~ the municipality may purchase shares worth Rs 5000, and also agree to take up sixty lights as proposed by the President. We are still however in the initial stages of negotiation -

Secy) 1 3-09 Dewan

Dewan through (88C) 4/3

4/3/09

00054
4/3/09

4/3/09

Please submit a draft memorandum for the Dewan's approval. The number of private lights may be taken at 50

Abg 11/3/09

Draft put up

Abg 12/3 Draft submitted for approval

Dewan) 16 Dewan

12324
16/3/09

G.P.S. —50 000—17-3-07

Submitted to His Highness

I submit herewith a scheme for lighting the town of Davangere with electricity The idea is to start a Company with a capital of Rs. 30,000, divided into 600 shares of Rs 50 each The Company proposes to generate electricity by means of Dynamos and Suction gas producers and to supply power for both street lighting and private lighting The scheme was prepared by Mr J Arunachala Iyer, Assistant Engineer, formerly in the Electrical Department and now attached to the Chitaldrug District and it has been examined and approved by Mr Gibbs

The President of the Davangere Municipal Council has asked for permission for the Council to take ing 100 shares in the Company and for supplying electric street lighting to the Municipality The position of the Davangere Municipality and the Financial Secretary has no objection to the permission applied for being given This may be mentioned.

The investigation and preparation of the

29

project reflect great credit on Mr. Arunachala Iyer. He received special theoretical training in Electricity under Mr. Cook and during his employment in the Electrical Department, he did very good work, both on the construction and the maintenance staffs, and his name was brought to the special notice of Government Owing to some differences between him and Mr Gibbs he was sent back to the P W Department, but recently on the suggestion of Major Lotbiniere he was deputed to study the Electrical works in Kashmir. He has also, I understand, been advising certain Zamindars regarding the generation of electrical power from water falls. It would be a pity if Government did not take advantage of this young man's special qualifications and aptitude in mechanical and electrical Engineering and I should like to place it on record that it would be desirable, if the Chief Engineer agrees with me, to give Mr Arunachala Iyer facilities to investigate schemes similar to the Davangere Electric Scheme for other municipalities and also to investigate schemes for the use of electrical power in industries.

31/24/4

302

30

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject

313-09
795

Scheme for lighting the town of Davangere with electricity.

Order

Sanctioned
~~KRHF~~
7/4/09

Secy
Please speak to
Diwan for sanction
2 Please write to the Executive Engineer of the Division
Mr. Thane already told Mr. Rice that we shall be glad to see attention directed to similar schemes for some other towns
Seen HHM

G R S 12]
General and Revenue Secretariat

File No 241 of 190 8

563
31

Serial No	
	Submitted There is a draft already in the file for submission Chief 12/4. Draft submitted for approval Secy) 13 4 09
4	The Dy Commr, Chitaldroog Dt, Ch Engr & Comptr No 10526-82 23 4 09 Sanctions the scheme for lighting the town of Davangere with electricity and to the municipality taking up shares worth Rs5000/ in the company formed for the purpose and states that the investigation and preparation of this project reflect great credit on Mr Annachala & Co further requests the Chief Engineer to consider the desirability of giving Mr Annachala Iyer facilities to investigate similar schemes for other municipalities & also schemes for the use of Electrical power in where practicable

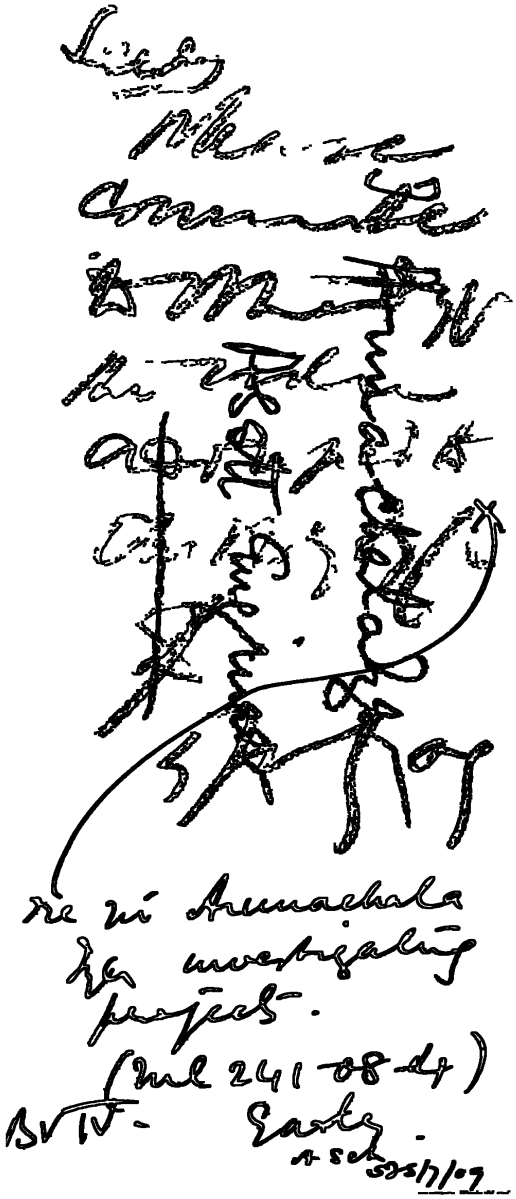
sheet

GPS—50,000—18 5 08

G R. S. 12]
General and Revenue
Secretariat

File No. 241 of 1908

Serial
No.



re Mr Annachala
re investigating
projects.
(Rel 241-08-4)
BVIV- Early.
4 Sch 23/7/07

Note—Contn. sheet

GPB—30.000—18-5-06

C.R.S. 13]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

Mr Lewis 5-09

Mr Lewis Secretary

Sir

Please see that Devan's order recorded on the slip attached to this & seven more Copies of the order (all in Mr's 241-08) may now be got prepared and sent for the Commissioners of the remaining Districts modifying the address forms so as to include there Mr Lewis also & without altering the date of last order.

5/11/09

Type as Please send 7 copies of the order 5/11/09

7 Copies Lord Lewis -5/7

5/11/09

N B.—Should routine notes be written on small slips, the slips must be copied, or slips pasted on this form.

21-6 97709

GPB—45,000—19-5-08

V. Mysore V.Q. 1908

From M Cheyyar Chetty Esqr
Dewan Commissioner
Chitaldrug District

To K S Chandrasekharaya Esqr B.A.
Secretary to the Government of
H H the Maharaja of Mysore
General & Revenue Departments,

Dated 1st Bangalore
Despatched } December 1908
Received
General No. 2864
No

Enclosure No Abstract

Soliciting sanction to the formation of a Company for lighting the town of Davangere with Electricity

1

D 3957

Deputy Commissioner's Office,
Chitaldrug District
Dated Camp Hiriyur, 1st December 1908

From,

Mr Cheruvu Chetty Esquire B A
Deputy Commissioner
Chitaldrug District

To

K S Sheshasekhara Iyer Esquire B A B L
Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore

Sir,

I have the honor to submit for favorable Consideration and orders the Correspondence in regard to the formation of a Company to light the town of Davangere by Electricity

2 Last year, When I met the Chief Engineer Mr McHutchen at Markanane, I spoke to him about generating Electricity at the Reservoir and giving power to work the ginning Factories at Davangere and also lighting the town He replied that we should wait for some years and take up the question when the Lake fills The subject was then dropped

3 In September last, Mr 2
Annachella Iyer, Assistant Engineer
at the request of some leading citizens
of the place prepared a rough estimate for
Flag W Rs 16,000/- for installing 50 street lights and
200 house lights by generating Electricity
from Dynamos When he communicated
his views to me, I convened a meeting of
the leading citizens of the place and dis-
-cussed the scheme in all its bearings
It was decided that the share capital should
be Rs 50/- and the estimate revised pro-
-viding for 60 street and 1000 house lights
They took up 250 shares on the spot and
suggested the desirability of the Municipality
going in for 100 shares as a guarantee for
the working of the scheme on sound lines
The Board also agreed to their proposal -
Flag V vide copy of Resolution dated 21th September
1908

4 From Bombay Mr Arumachella Iyer
Flag X has sent me revised alternative estimate
with full details & tests work given
as well as its financial success. He also
recommends the use of Suction Gas for
Motive power instead of Petroleum oil

though the initial cost is somewhat greater the recommendation is based on the experience of Messrs Steggenbothams and Co and as per advice of other professional men, as it turns out to be in the long run cheaper and more paying

5 The estimate works up to Rs 30000/ and the townspeople have no objection to go in for all the shares provided the Government is pleased to sanction the municipality taking up 100 shares, as they consider this ——— to be a guarantee for the proper working of the Company

6 Now let me briefly state the financial aspects of the Scheme

From the details furnished by Mr Aruna chella Iyer, it will be seen that the annual maintenance charges will be Rs 6000/-, while the income Rs 10800/ calculating at Rs 2-8-0 per street light per mensem for 60 lights and 12 annas per house light per mensem for 1000 lights The net income will thus be Rs 4800/- and reserving Rs 3000/ for sinking fund, a dividend of 6% may be declared on the invested

capital and within 10 years, the sinking fund will accumulate and become equal to the capital Thus it seems to be a thorough success financially

7 As regards Davangere Municipality I beg to point out that it is in a flourishing condition The balance at its credit at the end of this year as per budget figures is Rs 11,000/- Setting apart Rs 4,000/ which is the required minimum under the rules to be kept as balance, there is still Rs 7000/- at its credit which it can afford to pay Rs 5,000/- for taking up 100 shares in the Company There is the double advantage of getting 6% interest on its capital and also giving the town decidedly a better lighting with of course better security for property as has been found to be the case in the city of Bangalore

8 At present, there are 100 lamps which cost Rs 1200/- a year but as the people are pressing for more lamps this will have to be increased shortly by another 25 lamps The total cost will then come to Rs 1500/- per annum

per sketch herewith submitted, 60 Electric lights which will give a better lighting cost Rs 1,800/- The excess will be only Rs 300/- per annum which is a mere trifle when compared with the advantages accruing from Electric lighting. Further, the Municipality gets an annual income of Rs 300/- which compensates for the excess Charge

Thus, it is evident that the scheme if worked out carefully will be a complete success, though viewed in all its aspects I would therefore solicit the sanction of Government for taking the needful steps to float the Company, and as it will necessarily take some time for Government to pass finial orders on the subject, Mr Annachella Iyer who is now at Cochin proposes that he should be permitted to return via Calcutta instead of Bombay to confer with some Firms and arrange for house lighting materials. It will cost Government only Rs 130/- in the shape of extra travelling expenses, and I request

the Government may be pleased to instruct the Chief Engineer to write to him to return via Calcutta, as he will be leaving Cashmere by the middle of this month

I have the honor to be,

Sir,

Your most obedient Servant

E. [illegible]

Deputy Commissioner

Chief Engineer

G.S. 26]

File No 34/08

Serial No 2

Diary No of letter replied to 3957

No. 6622
mil 241-08

By 15.1.09

General and Rev Secretariat
(Mil)
, the 190

To

The President of Municipalities,
Chitaldroog District.

Date of issue 15.1.09

Signed by

His letter No. 214 & 1-12-08 re electric light ~~for~~ for the town of Davangere.

Referring to the above, has the honor to forward herewith a copy of letter No. 4123 & 17 12-08 from the Chief Electrical Engineer to the Govt. of Mysore, for information and for making such changes in the proposals submitted by the President as may be considered The observations necessary in the light of ~~what~~ the views contained in ~~the letter~~

By Order,
for Secy.

SUBJECT

List of enclosures,

Copied by

Examined by

1908-07

From

The Deputy Commissioner
Chitaldrug district

To

The Secretary to the Government of
H.H. the Maharaja of Mysore
General and Revenue Department
Bangalore

Dated 24th January 1909

Despatched

Received

General No 287

No

Enclosure No

Submitting revised proposals re-
Electric light for the town of Davangere

No 287

D 5284

Deputy Commissioners Office,
Chitaldrug District

Dated Camp Narkenhatti 24/1/09

From

Mr Cheruvah Chelly Esquire, B A
Deputy Commissioner
Chitaldrug District

To K S Chendrasekhara Iyer Esquire B A BL
Secretary to the Government of
His Highness the Maharaja of Mysore,
General and Revenue Departments,
Bangalore

Rd 241-08
SL-3

Sir,

With reference to your docket No 66224/ Rd 241 08 dated 15th instant, forwarding Copy of letter No 4123 of the 17th December 1908 from the Chief Electrical Engineer to the Government of Mysore, for making such Changes as may be considered necessary in the proposals for lighting the town of Davangere by Electricity, I have the honor to state that the price for street lighting which the Electrical Engineer considers high may be reduced from Rs 2 8 0 to 1 12 0 per mensem which will be only 4 annas 11 pies per lamp, of the price Charged by the Civil and Military Station which means a loss of Rs 600/- annually in the income

2 As regards the interior lighting, the rate of annas 12 per light seems to be equitable, as the people may not take to these lights in the early stage, if the rate is increased as suggested by the Chief Electrical Engineer. This may, however be considered later on after some experience is gained

3 The Chief Electrical Engineer has further observed that the street light is meagre as only 60 street lights have been provided but as a good portion of the town is simple open ground with roads and without any houses built on them the number of lights now provided is quite ample for the present and may be increased eventually, if necessary

4 As proposed by the Chief Electrical Engineer, poles of large section may be conveniently used

5 If the above alteration is made in the estimate, it will result in the increase being reduced to Rs 10,200, out of which a sum of Rs 6,000 will go towards the working expenses Out of the balance

of Rs 1,200/- a working capital of Rs 2,400/- under of Rs 3,000/- will be provided leaving a sum of Rs 1,800/- as net profits which means a dividend of 6% on the Capital

6 The estimate may therefore be kindly modified accordingly and sanction accorded to the scheme at an early date

I have the honor to be,

Sir,

Your Most obedient servant

Deputy Commissioner
Chittagong Division

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G R S 281

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File No 241
08
Serial No
4

Diary No of letter replied to 5284
5632

Proceedings of the Government of H. Highness the Maharaja of Mysore

GENERAL AND REVENUE SECRETARIAT
(nl)

Bangalore the 23rd day of April 190

Date of issue 23 4 09

Signed by Mark M

Take the needful steps for

READ— Correspondence ending with letter No 2878 24-1-09 from the Dy Commr, Chitaldroog to, submitting a scheme for lighting the town of Davangere with electricity and requesting sanction to the floating of a Company with a capital of Rs 30,000/- divided into 600 shares Rs - each and to take for the Municipality 100 shares in the Company as a guarantee for the proper working of the Company

ORDER THEREON— As per the above paragraph

(2) Chief Engineer's note da

SUBJECT

18-12-09 On the above subject forwarding a copy of letter No. 10238 dated 17-12-08 from the Chief Electrical Engineer of Mysore giving his general approval to the scheme.

(3) Financial Secretary's note dated 25-2-09 recommending that the Municipality may be permitted to purchase 100 shares in the Company. Page 21 of notes.

Order thereon. 10526 8 ml 241 08- 9.23-4 09.

Govt are pleased to sanction approval of the proposal to the scheme of lighting the Town of Davangere with electricity by a Company for the purpose with a capital of Rs 30,000 divided into 600 shares of Rs 50 each, the Municipality being allowed to take up 100 shares thereof and to the up shares Rs 5 is successfully floated

2 It is understood that the number of private lights to be installed will be not less than 500 and the number of street lights will be not less than 60 and that these will be charged for at rates of

G.R.S. 27]

GENERAL AND REVENUE SECRETARIAT

(*Continuation Sheet draft form*)

13

0-12-0 and 1-12-0 per month respectively. The Dy. Commr., Chittagong, is requested to ~~take the necessary steps for carrying out the scheme sanctioned above to a successful termination and to submit a further report in the matter~~ when the company is successfully floated.

Secy

for Secretary

29.12.09

3 The investigation in preparation of the project reflect ~~great~~ credit on Mr. Arunachala and the Chief Engineer is requested to consider the desirability of ~~giving~~ Mr. Arunachala ~~per~~ facilities to investigate similar schemes in other municipalities and also schemes for the supply of electrical power in districts where electric ~~supply~~

The Dy. Commr. Chittagong
Chief Engineer.
Comptroller.

Communicated to others by Comm on 7/1/10 Please see L Bdg. the Records Section

1-1-10 Secy

No. 30/1/10 dt 2/1/10

MGC PB—30,000—5 1 05.